

DOCKET NO.: V0139.70038US00

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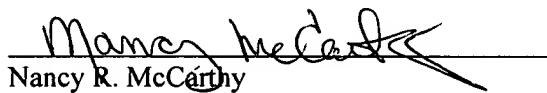
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nicholas H. Heintz and Christopher R. Houchens
Patent No.: 6,780,986 B1
Issued: August 24, 2004
Serial No.: 10/09/477,392
Filed: January 4, 2000
For: RIP60 NUCLEIC ACID AND POLYPEPTIDE SEQUENCES
AND USES THEREFOR
Examiner: Robert A. Zeman
Art Unit: 1645

Certificate
SEP 14 2004
of Correction

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 1 day of September, 2004.


Nancy R. McCarthy

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

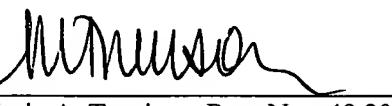
Transmitted herewith are the following document(s):

- Request for Certificate of Correction Under 37 C.F.R. § 1.322
- Certificate of Correction - Form PTO-1050
- Copy of pertinent pages from U.S. Patent No. US 6,780,986 B1
- Return Receipt Postcard

No fee is considered due, however if the Examiner deems that a fee is considered due, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)646-8266, Boston, Massachusetts. A duplicate of this sheet is enclosed.

Respectfully submitted,
Nicholas H. Heintz and
Christopher R. Houchens, Applicant(s)

By: 

Maria A. Trevisan, Reg. No.: 48,207
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211
Telephone: (617)646-8000

Docket No. V0139.70038US00
Date: September 1, 2004
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SEP 15 2004



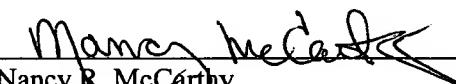
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Docket No. V0139.70038US00

Date: September 7, 2004

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SEP 15 2004



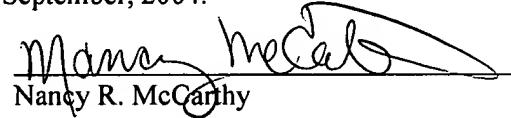
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Applicant: Nicholas H. Heintz and Christopher R. Houchens
Patent No.: 6,780,986 B1
Issued: August 24, 2004
Serial No: 09/477,392
Confirmation. No.: 9183
Filed: January 4, 2000
For: RIP60 NUCLEIC ACID AND POLYPEPTIDE SEQUENCES
AND USES THEREFOR
Examiner: Robert A. Zeman
Art Unit: 1645

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Nancy R. McCarthy

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. § 1.322

Sir:

Applicants respectfully request the correction of an error in claim 1 found in the printing of U.S. Patent US 6,780,986 B1. The error in claim 1 is due to a PTO printing error. Correction of this error does not constitute new matter nor does it affect the scope of the claim.

Applicants enclose herewith a copy of the error-containing page from Patent US 6,780,986 B1, with the error highlighted.

Applicants respectfully request a Certificate of Correction for the error outlined herein.

Respectfully submitted,
Nicholas H. Heintz and
Christopher R. Houchens, Applicant(s)

By 
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Docket No. V0139.70038US00
Date: September 7, 2004
xNDDx

822969.1

SEP 15 2004

-continued

<400> SEQUENCE: 65

tttttttagt ttctta

16

<210> SEQ ID NO 66

<211> LENGTH: 16

<212> TYPE: DNA

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: Synthetic

<400> SEQUENCE: 66

tactttatgg ttaacg

16

<210> SEQ ID NO 67

<211> LENGTH: 22

<212> TYPE: DNA

<213> ORGANISM: Cricetulus sp.

<400> SEQUENCE: 67

tttttttatt attattattta gt

22

<210> SEQ ID NO 68

<211> LENGTH: 72

<212> TYPE: PRT

<213> ORGANISM: Homo Sapiens

<400> SEQUENCE: 68

His	Ser	Lys	Ile	His	Lys	Arg	Ser	Glu	Gly	Ser	Ala	Gln	Ala	Ala	Pro
1				5			10				15				
Gly	Pro	Gly	Ser	Pro	Gln	Leu	Pro	Ala	Gly	Pro	Gln	Glu	Ser	Ala	Ala
	20				25			30							
Glu	Pro	Thr	Pro	Ala	Val	Pro	Leu	Lys	Pro	Ala	Gln	Glu	Pro	Pro	Pro
	35				40			45							
Gly	Ala	Pro	Pro	Glu	His	Pro	Gln	Asp	Pro	Ile	Glu	Ala	Pro	Pro	Ser
	50			55			60								
Leu	Tyr	Ser	Cys	Asp	Asp	Cys	Gly								
	65			70											

We claim:

1. An isolated nucleic acid molecule, comprising a nucleic acid molecule selected from the group consisting of
 - (a) a nucleic acid molecule which hybridizes under stringent conditions to a molecule consisting of a nucleic acid of SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:5, or SEQ ID NO:50 and which codes for a polypeptide having a RIP60 activity selected from the group consisting of DNA binding, protein multimerization, and nucleic acid looping,
 - (b) a nucleic acid molecule that differs from the nucleic acid molecule of (a) in codon sequence due to the degeneracy of the genetic code, and
 - (c) complements of (a) or (b),

wherein the stringent conditions are hybridization at 65°⁴⁵
 C. in hybridization buffer (3.5×SSC, 0.02% Ficoll, 0.02% polyvinyl pyrrolidone, 0.02% Bovine Serum Albumin, 2.5 mM NaH₂PO₄(pH7), 0.5% SDS, 2 mM EDTA); wherein SSC is 0.1 M sodium chloride/

2. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule comprises SEQ ID NO:1.
3. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule comprises SEQ ID NO:3, SEQ ID NO:5 or SEQ ID NO:50.
4. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule codes for a polypeptide comprising SEQ ID NO:2.
5. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule codes for a polypeptide comprising SEQ ID NO:4, SEQ ID NO:6 or SEQ ID NO:51.
6. An expression vector comprising the isolated nucleic acid molecule of claim 1,2,3, 4 or 5 operably linked to a promoter.
7. A host cell transformed or transfected with the expression vector of claim 6.

* * * * *

^ -- 0.15M --

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,780,986 B1

DATED : August 24, 2004

INVENTOR(S): Heintz et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 91, claim 1, line 63, "0.1 5M" should read -- 0.15M --.

MAILING ADDRESS OF SENDER:

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600 Atlantic Avenue
Boston, Massachusetts 02210-2211

PATENT NO. US 6,780,986 B1

UNITED STATES PATENT AND TRADEMARK OFFICE
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DATED : August 24, 2004

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